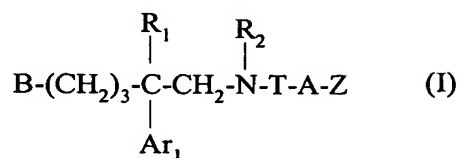


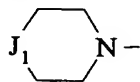
Amendments to the Claims:

Claim 1. (Original): A compound of the formula

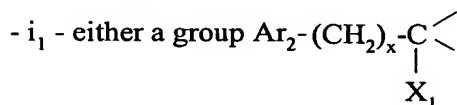


in which:

- R₁ is hydrogen;
- R₂ is the methyl group;
- or R₁ and R₂ together form a group $-(\text{CH}_2)_3-$ or $-(\text{CH}_2)_4-$;
- Ar₁ is a phenyl which is unsubstituted or monosubstituted or polysubstituted by a substituent selected from a halogen atom, a hydroxyl, a (C₁-C₄)alkoxy, a (C₁-C₄)alkyl, a trifluoromethyl and a methylenedioxy, said substituents being identical or different; a thienyl which is unsubstituted or substituted by a halogen atom; a benzothienyl which is unsubstituted or substituted by a halogen atom; a naphthyl which is unsubstituted or substituted by a halogen atom; an indolyl which is unsubstituted or N-substituted by a (C₁-C₄)alkyl or a benzyl; an imidazolyl which is unsubstituted or substituted by a halogen atom; a pyridyl which is unsubstituted or substituted by a halogen atom; or a biphenyl;
- T is a group $-\text{CH}_2-$; a group $-\text{CO}-$; a group $-\text{COO}-$; or a group $-\text{CONR}_3-$ in which R₃ is a hydrogen or a (C₁-C₄)alkyl;
- A is a direct bond; a group $-(\text{CH}_2)_t-$, in which t is one, two or three; or a vinylene group;
- or -T-A- is the group $-\text{SO}_2-$;
- Z is an optionally substituted, mono-, di- or tri-cyclic aromatic or heteroaromatic group; and
- B is:
 - i - either a group B₁ of the formula



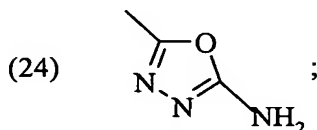
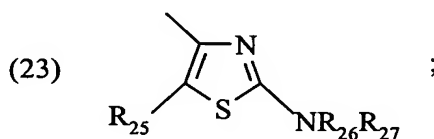
in which J₁ is:



in which:

- x is zero or one;

- Ar₂ is a phenyl which is unsubstituted or monosubstituted or polysubstituted by a substituent selected from a halogen atom, a nitro, a hydroxyl, a trifluoromethyl, a (C₁-C₄)alkyl, a (C₁-C₄)alkoxy and a methylenedioxy, said substituents being identical or different; a pyridyl; a thienyl; a pyrimidyl; or an imidazolyl which is unsubstituted or substituted by a (C₁-C₄)alkyl; and
- X₁ is a group selected from:
 - (1) hydrogen;
 - (2) (C₁-C₇)alkyl;
 - (3) formyl;
 - (4) (C₁-C₇)alkylcarbonyl;
 - (5) -(CH₂)_m-OR₄;
 - (6) -(CH₂)_m-OCOR₅;
 - (7) -(CH₂)_m-OCONH-(C₁-C₇)alkyl;
 - (8) -O-CH₂CH₂-OR₆;
 - (9) -(CH₂)_n-SR₇;
 - (10) -CH₂-S(O)_j-(C₁-C₇)alkyl;
 - (11) -NR₈R₉;
 - (12) -(CH₂)_p-NR₁₀R₁₁;
 - (13) -NR₁₂COR₁₃;
 - (14) -NR₁₄COCOR₁₅;
 - (15) -(CH₂)_p-NR₁₄C(=W₁)R₁₆;
 - (16) -(CH₂)_m-NR₁₄COOR₁₇;
 - (17) -(CH₂)_m-NR₁₄SO₂R₁₈;
 - (18) -(CH₂)_m-NR₁₄C(=W₁)NR₁₉R₂₀;
 - (19) -(CH₂)_n-COOR₂₁;
 - (20) -(CH₂)_n-C(=W₁)NR₁₉R₂₀;
 - (21) -CO-NR₂₂-NR₂₃R₂₄;
 - (22) -CN;



or X₁ forms a double bond between the carbon atom to which it is bonded and the adjacent carbon atom of the piperidine ring;

in which groups:

- m is zero, one or two;

- n is zero or one;
- p is one or two;
- j is one or two;
- W₁ is an oxygen atom or a sulfur atom;
- R₄ is a hydrogen or a (C₁-C₇)alkyl;
- R₅ is a hydrogen; a (C₁-C₇)alkyl; a (C₃-C₇)cycloalkyl which is unsubstituted or substituted by one or more methyls; a phenyl; or a pyridyl;
- R₆ is a hydrogen; a (C₁-C₇)alkyl; a formyl; or a (C₁-C₇)alkylcarbonyl;
- R₇ is a hydrogen or a (C₁-C₇)alkyl;
- R₈ and R₉ are each independently a hydrogen or a (C₁-C₇)alkyl; R₉ can also be a (C₃-C₇)cycloalkylmethyl, a benzyl or a phenyl;
- or R₈ and R₉, together with the nitrogen atom to which they are bonded, form a heterocycle selected from azetidine, pyrrolidine, piperidine, morpholine, thiomorpholine, perhydroazepine and piperazine which is unsubstituted or substituted in the 4-position by a (C₁-C₄)alkyl;
- R₁₀ and R₁₁ are each independently a hydrogen or a (C₁-C₇)alkyl; R₁₁ can also be a (C₃-C₇)cycloalkylmethyl or a benzyl;
- R₁₂ is a hydrogen or a (C₁-C₇)alkyl;
- R₁₃ is a hydrogen; a (C₁-C₇)alkyl; a (C₃-C₇)cycloalkyl which is unsubstituted or substituted by one or more methyls; a phenyl; a benzyl; a vinyl; a pyridyl; a furyl; a thienyl; a pyrrolyl; or an imidazolyl;
- or R₁₂ and R₁₃ together are a group -(CH₂)_u-, in which u is three or four;
- R₁₄ is a hydrogen or a (C₁-C₇)alkyl;
- R₁₅ is a (C₁-C₄)alkoxy;
- R₁₆ is a hydrogen; a (C₁-C₇)alkyl; a (C₃-C₇)cycloalkyl which is unsubstituted or substituted by one or more methyls; a phenyl; a benzyl; a vinyl; a pyridyl; a furyl; a thienyl; a pyrrolyl; or an imidazolyl;
- R₁₇ is a (C₁-C₇)alkyl or a phenyl;
- R₁₈ is a (C₁-C₇)alkyl; an amino which is free or substituted by one or two (C₁-C₇)alkyls; or a phenyl which is unsubstituted or monosubstituted or polysubstituted by a substituent selected from a halogen atom, a (C₁-C₇)alkyl, a trifluoromethyl, a hydroxyl, a (C₁-C₇)alkoxy, a carboxyl, a (C₁-C₇)alkoxycarbonyl, a (C₁-C₇)alkylcarbonyloxy, a cyano, a nitro and an amino which is free or substituted by one or two (C₁-C₇)alkyls, said substituents being identical or different;
- R₁₉ and R₂₀ are each independently a hydrogen or a (C₁-C₇)alkyl; R₂₀ can also be a (C₃-C₇)cycloalkyl; a (C₃-C₇)cycloalkylmethyl; a hydroxyl; a (C₁-C₄)alkoxy; a benzyl; a phenyl; or a (C₁-C₇)alkyl substituted by a hydroxyl, a (C₁-C₃)alkoxy, a phenyl, a carboxyl, a (C₁-C₃)alkoxycarbonyl or a carbamoyl which is unsubstituted or substituted by one or two (C₁-C₇)alkyls;

- or R₁₉ and R₂₀, together with the nitrogen atom to which they are bonded, form a heterocycle selected from azetidine, pyrrolidine, piperidine, morpholine, thiomorpholine, perhydroazepine and piperazine which is unsubstituted or substituted in the 4-position by a (C₁-C₄)alkyl;
- R₂₁ is a hydrogen or a (C₁-C₇)alkyl;
- R₂₂ is a hydrogen or a (C₁-C₇)alkyl;
- R₂₃ and R₂₄ are each independently a hydrogen or a (C₁-C₇)alkyl;
- R₂₅ is a hydrogen or a (C₁-C₇)alkyl; and
- R₂₆ and R₂₇ are each independently a hydrogen or a (C₁-C₇)alkyl; R₂₇ can also be a formyl or a (C₁-C₇)alkylcarbonyl;
- i₂ - or a group Ar₂-CH=C<

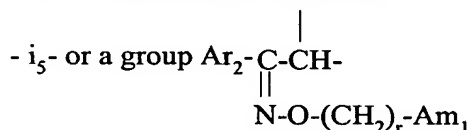
in which Ar₂ is as defined above;



in which Ar₂ is as defined above;



in which Ar₂ is as defined above;



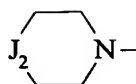
in which:

- Ar₂ is as defined above;
- Am₁ is an amino group substituted by two (C₁-C₄)alkyls; and
- r is two or three;



in which:

- Ar₂ is as defined above;
- W₂ is an oxygen atom; a sulfur atom; a sulfinyl; a sulfonyl; or a group -NL₁-;
- L₁ is a hydrogen; a (C₁-C₄)alkyl; a (C₁-C₄)alkylcarbonyl; or a group -(CH₂)_v-Am₂;
- v is one, two or three; and
- Am₂ is an amino group which is unsubstituted or monosubstituted or disubstituted by a (C₁-C₄)alkyl; Am₂ can also be a pyrrolidino, piperidino or morpholino group;
- ii - or a group B₂ of the formula

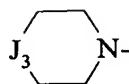


in which J_2 is:

- ii₁ - or a group $\text{Ar}_2\text{-N}$
- ii₂ - or a group $\text{Ar}_2\text{-CH}_2\text{-N}$
- ii₃ - or a group $\text{Ar}_2\text{-C(=O)-N}$
- ii₄ - or a group $\text{Ar}_2\text{-CH(OH)-N}$
- ii₅ - or a group $\text{Ar}_2\text{-C(=O)-N-O-(CH}_2\text{)}_r\text{-Am}_1$

in which:

- Ar_2 is as defined above;
- r is two or three; and
- Am_1 is as defined above;
- iii - or a group B_3 of the formula



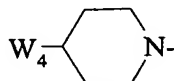
in which J_3 is:

- a group : $\text{R}_{29}\text{-C(=W}_3\text{)-N(R}_{28}\text{)-CH-}$

in which:

- W_3 is an oxygen atom; a sulfur atom; or a group NR_{30} , in which R_{30} is a hydrogen or a $(\text{C}_1\text{-C}_3)\text{alkyl}$;
- R_{28} is a hydrogen; a $(\text{C}_1\text{-C}_6)\text{alkyl}$; a $(\text{C}_3\text{-C}_6)\text{alkenyl}$ in which one vinylic carbon atom is not bonded to the nitrogen atom; a 2-hydroxyethyl; a $(\text{C}_3\text{-C}_7)\text{cycloalkyl}$; a phenyl which is unsubstituted or monosubstituted or polysubstituted by a substituent selected from a halogen atom, a trifluoromethyl, a $(\text{C}_1\text{-C}_4)\text{alkyl}$, a $(\text{C}_1\text{-C}_4)\text{alkoxy}$, a nitro, an amino and a hydroxyl, said substituents being identical or different; or a 6-membered heteroaryl containing one or two nitrogen atoms as heteroatoms, said heteroaryl being unsubstituted or monosubstituted or polysubstituted by a substituent selected from a halogen atom, a trifluoromethyl, a $(\text{C}_1\text{-C}_4)\text{alkyl}$, a $(\text{C}_1\text{-C}_4)\text{alkoxy}$, a nitro, an amino and a hydroxyl, said substituents being identical or different;

- R_{29} is a hydrogen; a (C_1-C_6) alkyl which is unsubstituted or substituted by a hydroxyl and/or by one, two or three fluorine atoms; a (C_3-C_6) cycloalkyl; a (C_1-C_5) alkoxy (only when W_3 is an oxygen atom); a (C_3-C_6) cycloalkoxy (only when W_3 is an oxygen atom); or a group $-NR_{31}R_{32}$ containing from zero to seven carbon atoms, R_{29} being other than an unsubstituted (C_1-C_4) alkyl when simultaneously W_3 is an oxygen and R_{28} is a phenyl which is unsubstituted or monosubstituted or polysubstituted by a substituent selected from a halogen atom, a nitro, a hydroxyl, a trifluoromethyl, a (C_1-C_4) alkyl and a (C_1-C_4) alkoxy, said substituents being identical or different; a pyridyl; or a pyrimidyl;
- or R_{28} and R_{29} together form a divalent hydrocarbon group L_2 , in which the 1-position is bonded to the carbon atom carrying the substituent W_3 , the divalent hydrocarbon group L_2 being selected from a trimethylene, a cis-propenylene, a tetramethylene, a cis-butenylene, a cis,cis-butadienylene, a pentamethylene and a cis-pentenylene, said divalent hydrocarbon group L_2 being unsubstituted or substituted by one or two methyls; and
- R_{31} and R_{32} are each independently a hydrogen, a (C_1-C_5) alkyl or a (C_3-C_6) cycloalkyl; or R_{31} and R_{32} , together with the nitrogen atom to which they are bonded, form a heterocycle selected from pyrrolidine, piperidine, morpholine, thiomorpholine (or its S-oxide) and piperazine which is unsubstituted or substituted in the 4-position by a (C_1-C_4) alkyl;
- iv - or a group B_4 of the formula



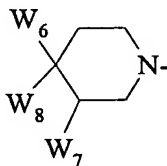
in which:

- W_4 is a (C_1-C_8) alkyl or a (C_3-C_8) cycloalkyl, said alkyl and cycloalkyl groups being unsubstituted or substituted by one or more substituents selected from a halogen atom; a (C_3-C_6) cycloalkyl; a cyano; a nitro; a hydroxyl; a (C_1-C_4) alkoxy; a formyloxy; a (C_1-C_4) alkylcarbonyloxy; an arylcarbonyl; a heteroarylcarbonyl; an oxo; an imino which is unsubstituted or substituted on the nitrogen atom by a (C_1-C_6) alkyl, a (C_3-C_6) cycloalkyl, a formyl, a (C_1-C_4) alkylcarbonyl or an arylcarbonyl; a hydroxyimino which is unsubstituted or substituted on the oxygen atom by a (C_1-C_4) alkyl or a phenyl; a group $-NR_{33}R_{34}$ containing from zero to seven carbon atoms; a group $-NR_{35}R_{36}$; a group $-C(=NR_{37})NR_{38}R_{39}$, in which the group $-NR_{38}R_{39}$ contains from zero to seven carbon atoms; and a group $-CON(OR_{40})R_{41}$, said substituents being identical or different;
- R_{33} and R_{34} are each independently a hydrogen, a (C_1-C_5) alkyl or a (C_3-C_6) cycloalkyl; or R_{33} and R_{34} , together with the nitrogen atom to which they are bonded, form a heterocycle selected from pyrrolidine, piperidine, morpholine, thiomorpholine (or its S-oxide) and piperazine which is unsubstituted or substituted in the 4-position by a (C_1-C_4) alkyl;
- R_{35} is a hydrogen or a (C_1-C_4) alkyl;

- R_{36} is a formyl; a (C_1-C_4) alkylcarbonyl; an arylcarbonyl; a heteroarylcarbonyl; or a group $-C(=W_5)NR_{38}R_{39}$, in which the group $-NR_{38}R_{39}$ contains from zero to seven carbon atoms;
- W_5 is an oxygen atom; a sulfur atom; a group NR_{37} ; or a group CHR_{42} ;
- R_{37} is a hydrogen or a (C_1-C_4) alkyl; or R_{37} and R_{39} together form an ethylene group or a trimethylene group;
- R_{38} and R_{39} are each independently a hydrogen, a (C_1-C_3) alkyl or a (C_3-C_6) cycloalkyl; or R_{38} and R_{39} , together with the nitrogen atom to which they are bonded, form a heterocycle selected from pyrrolidine, piperidine, morpholine, thiomorpholine (or its S-oxide) and piperazine which is unsubstituted or substituted in the 4-position by a (C_1-C_4) alkyl; or R_{38} is a hydrogen or a (C_1-C_4) alkyl and R_{39} and R_{37} together form an ethylene group or a trimethylene group;
- R_{40} and R_{41} are each independently a (C_1-C_3) alkyl;
- R_{42} is a cyano; a nitro; or a group SO_2R_{43} ;
- R_{43} is a (C_1-C_4) alkyl or a phenyl;

and when W_4 is a cyclic group or when a substituent of W_4 is a cyclic group or contains a cyclic group, said cyclic groups can also be substituted on a carbon atom by one or more (C_1-C_3) alkyls; and when a substituent of W_4 contains an aryl group or a heteroaryl group, said aryl or heteroaryl groups can also be monosubstituted or polysubstituted by a substituent selected from a halogen atom, a (C_1-C_4) alkyl, a (C_1-C_4) alkoxy, a cyano, a trifluoromethyl and a nitro, said substituents being identical or different;

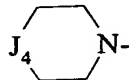
- v - or a group B_5 of the formula



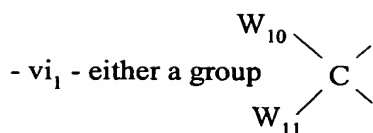
in which:

- W_6 and W_7 are each a hydrogen; or W_6 is a hydrogen and W_7 is a hydroxyl;
- W_8 is an aryl or a heteroaryl which are unsubstituted or substituted by an aryl, an arylcarbonyl, a heteroaryl or a heteroarylcarbonyl; said aryl or heteroaryl groups can also be monosubstituted or polysubstituted on the aromatic or heteroaromatic moiety and on a carbon atom by a substituent selected from a halogen atom; a cyano; a trifluoromethyl; a nitro; a hydroxyl; a (C_1-C_3) alkoxy; a formyloxy; a (C_1-C_4) alkylcarbonyloxy; a group $-NR_{33}R_{34}$ containing from zero to seven carbon atoms; a group $-NR_{35}R_{36}$; a group $-C(=NR_{37})NR_{38}R_{39}$, in which the group $-NR_{38}R_{39}$ contains from zero to seven carbon atoms; a group $-COOR_{44}$; a group $-CONR_{45}R_{46}$, in which the group $NR_{45}R_{46}$ contains from zero to seven carbon atoms; a mercapto; a group $-S(O)_sR_{47}$; a (C_1-C_3) alkyl; a formyl; and a (C_1-C_4) alkylcarbonyl, said substituents being identical or different; when W_6 and W_7 are

- each a hydrogen, W_8 is other than a phenyl which is unsubstituted or monosubstituted or polysubstituted by a substituent selected from a halogen atom, a nitro, a hydroxyl, a trifluoromethyl and a (C_1-C_4) alkoxy, said substituents being identical or different; a pyridyl; a thienyl; a pyrimidyl; or an imidazolyl which is unsubstituted or substituted by a (C_1-C_4) alkyl;
- or W_7 is a hydrogen and W_6 and W_8 , together with a diradical W_9 and the piperidine carbon atom to which they are bonded, form a spiro ring in which W_8 is a phenyl substituted in the *ortho* position by a diradical W_9 , which is itself joined to W_6 , said phenyl being unsubstituted or substituted by a substituent selected from a halogen atom, a (C_1-C_3) alkyl, a (C_1-C_3) alkoxy, a hydroxyl, a (C_1-C_3) alkylthio, a (C_1-C_3) alkylsulfinyl and a (C_1-C_3) alkylsulfonyl; the diradical W_9 is a methylene, a carbonyl or a sulfonyl; and W_6 is an oxygen atom or a group $-NR_{48}-$, in which R_{48} is a hydrogen or a (C_1-C_3) alkyl;
 - R_{33} , R_{34} , R_{35} , R_{36} , R_{37} , R_{38} and R_{39} are as defined above for the group B_4 ;
 - R_{44} is a hydrogen; a (C_1-C_5) alkyl; an aryl; a heteroaryl; an arylmethyl; or a heteroarylmethyl;
 - R_{45} and R_{46} are each independently a hydrogen, a (C_1-C_5) alkyl or a (C_3-C_6) cycloalkyl; or R_{45} and R_{46} , together with the nitrogen atom to which they are bonded, form a heterocycle selected from pyrrolidine, piperidine, morpholine, thiomorpholine (or its S-oxide) and piperazine which is unsubstituted or substituted in the 4-position by a (C_1-C_4) alkyl;
 - s is zero, one or two;
 - R_{47} is a (C_1-C_6) alkyl; a (C_3-C_6) cycloalkyl; an aryl; or a heteroaryl;
- and when W_8 or a substituent of W_8 contains a cyclic group, said cyclic group can also be substituted by one or more methyls; and when a heteroaryl group forming part of W_8 or of a substituent of W_8 contains a nitrogen atom as the heteroatom, said nitrogen atom can also be substituted by a (C_1-C_5) alkyl; and when W_8 or a substituent of W_8 contains a (C_1-C_5) alkyl, (C_1-C_5) alkoxy, formyl or (C_1-C_4) alkylcarbonyl group, said (C_1-C_5) alkyl, (C_1-C_5) alkoxy, formyl or (C_1-C_4) alkylcarbonyl groups can also be substituted by a hydroxyl, a (C_1-C_3) alkoxy or one or more halogen atoms, with the proviso that a carbon atom bonded to a nitrogen atom or to an oxygen atom is not substituted by a hydroxyl or an alkoxy group, and with the proviso that a carbon atom in the α -position of a (C_1-C_4) alkylcarbonyl group is not substituted by a chlorine, bromine or iodine atom;
- vi - or a group B_6 of the formula

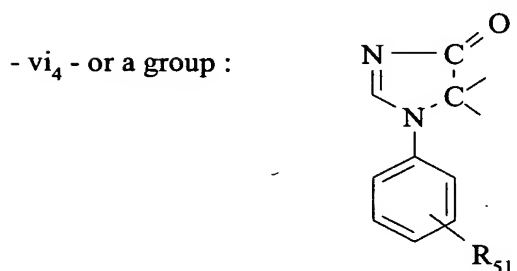
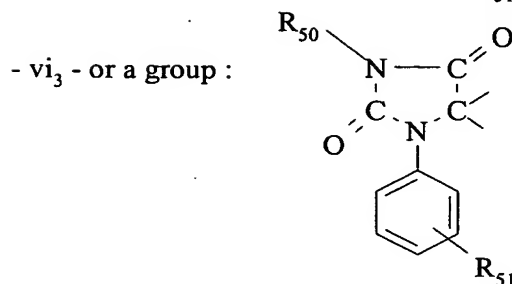
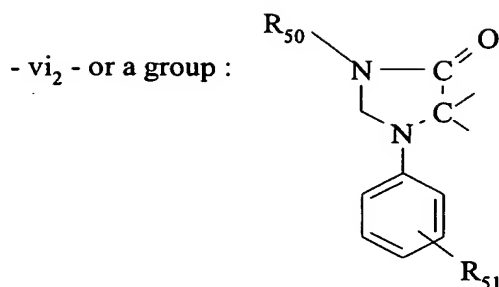


in which J_4 is:



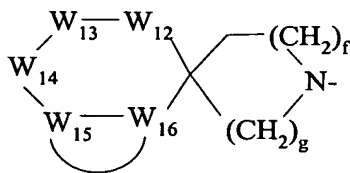
in which:

- W₁₀ is a phenyl which is unsubstituted or monosubstituted to trisubstituted by a substituent selected from a halogen atom, a (C₁-C₆)alkoxy, a (C₁-C₆)alkyl and a trifluoromethyl, said substituents being identical or different; a benzyl which is unsubstituted or monosubstituted to trisubstituted by a substituent selected from a halogen atom, a (C₁-C₆)alkoxy, a (C₁-C₆)alkyl and a trifluoromethyl, said substituents being identical or different; a naphthyl which is unsubstituted or monosubstituted to trisubstituted by a substituent selected from a halogen atom, a (C₁-C₆)alkoxy, a (C₁-C₆)alkyl and a trifluoromethyl, said substituents being identical or different; a pyridyl which is unsubstituted or monosubstituted or disubstituted by a substituent selected from a halogen atom, a (C₁-C₆)alkyl and a (C₁-C₆)alkoxy, said substituents being identical or different; a thienyl; a pyrimidyl; or an imidazolyl; and
- W₁₁ is a group -CONHR₄₉;
- R₄₉ is a group $\text{CH}_3\text{-CHOH-CH-COO-(C}_1\text{-C}_6\text{) alkyl ;}$
 $\quad \quad \quad |$
 a group (C₁-C₆)alkyl-OCO-CH₂-CH₂-CH-COO-(C₁-C₆)alkyl ;
 $\quad \quad \quad |$
 a group -CH₂CH₂N(CH₃)₂ ;



in which:

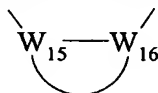
- R₅₀ is a hydrogen, a (C₁-C₆)alkyl or a benzyl; and
- R₅₁ is from one to three substituents selected from a hydrogen, a halogen atom, a trifluoromethyl, a (C₁-C₆)alkyl and a (C₁-C₆)alkoxy, said substituents being identical or different;
- vii - or a group B₇ of the formula



in which:

- f and g are each independently zero, one, two, three, four or five, with the proviso that f + g is equal to one, two, three, four or five;
- W₁₂ is a direct bond; a (C₁-C₃)alkylene which is unsubstituted or substituted by an oxo, a group OR₅₂, a halogen, a trifluoromethyl or a phenyl which is itself unsubstituted or mono-, di- or tri-substituted by a substituent selected from a hydroxyl, a cyano, a halogen and a trifluoromethyl; a group -S(O)_k-; a group (C₁-C₃)alkylene-S(O)_k-; a group -S(O)_k-(C₁-C₂)alkylene; a group -S(O)_k-NH-; a group -S(O)_j-NR₅₂-; a group -S(O)_j-NR₅₂-

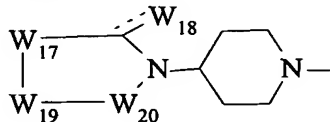
- (C₁-C₂)alkylene; a group -CONR₅₂-; a group -CONR₅₂-(C₁-C₂)alkylene; a group -COO-; or a group -COO-(C₁-C₂)alkylene;
- W₁₃ is a group -NR₅₃-; an oxygen atom; a sulfur atom; a sulfinyl; or a sulfonyl, with the proviso that when W₁₂ is a direct bond and when W₁₄ is a (C₁-C₃)alkylene, W₁₃ is a group -NR₅₃-;
 - W₁₄ is a direct bond; a (C₁-C₃)alkylene which is unsubstituted or substituted by an oxo, a group OR₅₂, a halogen, a trifluoromethyl or a phenyl which is itself unsubstituted or mono-, di- or tri-substituted by a substituent selected from a group OR₅₂, a halogen and a trifluoromethyl; a group -S(O)_k-; a group (C₁-C₃)alkylene-S(O)_k-; a group -S(O)_k-(C₁-C₂)alkylene; a group -NHS(O)_j-; a group -NH-(C₁-C₂)alkylene-S(O)_j-; a group -S(O)_jNR₅₂-; a group -S(O)_j-NR₅₂-(C₁-C₂)alkylene; a group -NHCO-(C₁-C₂)alkylene; a group -NR₅₂-CO-; a group -NR₅₂-(C₁-C₂)alkylene-CO-; a group -OCO-; or a group (C₁-C₂)alkylene-OCO-;
 - W₁₅-W₁₆ together form two adjacent atoms of a cyclic radical of the formula



said cyclic radical being a phenyl, a naphthyl or a heteroaryl group selected from a benzimidazolyl, a benzofuranyl, a benzoxazolyl, a furanyl, an imidazolyl, an indolyl, an isoxazolyl, an isothiazolyl, an oxadiazolyl, an oxazolyl, a pyrazinyl, a pyrazolyl, a pyridyl, a pyrimidyl, a pyrrolyl, a quinolyl, a tetrazolyl, a thiadiazolyl, a thiazolyl, a thienyl and a triazolyl, and said phenyl, naphthyl or heteroaryl cyclic radical being unsubstituted or mono-, di- or tri-substituted by R₅₄;

- k is zero, one or two;
- j is one or two;
- R₅₂ is a hydrogen; a (C₁-C₆)alkyl which is unsubstituted or monosubstituted or disubstituted by a substituent selected independently from a hydroxyl, an oxo, a cyano, a halogen atom, a trifluoromethyl and a phenyl which is itself unsubstituted or substituted by a hydroxyl, a (C₁-C₃)alkyl, a cyano, a halogen, a trifluoromethyl or a (C₁-C₄)alkoxy; a phenyl, a pyridyl or a thiophene, said phenyl, pyridyl or thiophene being unsubstituted or mono-, di- or tri-substituted by a substituent selected independently from a hydroxyl, a (C₁-C₄)alkyl, a cyano, a halogen atom and a trifluoromethyl; or a (C₁-C₃)alkoxy;
- R₅₃ is a hydrogen; a (C₁-C₈)alkyl which is unsubstituted or monosubstituted or polysubstituted by a substituent selected from a group -OR₅₂, an oxo, a group -NHCOR₅₂, a group -NR₅₅R₅₆, a cyano, a halogen atom, a trifluoromethyl and a phenyl which is itself unsubstituted or substituted by a hydroxyl, a cyano, a halogen atom or a trifluoromethyl; a group -S(O)R₅₇; a group -CO₂R₅₇; a group -SO₂R₅₇; a group -COR₅₇; or a group -CONR₅₆R₅₇;

- R_{54} is a hydrogen; a (C_1-C_6) alkyl which is unsubstituted or monosubstituted or disubstituted by a hydrogen or a hydroxyl; an oxo; a group $-OR_{52}$; a halogen atom; a trifluoromethyl; a nitro; a cyano; a group $-NR_{55}R_{56}$; a group $-NR_{55}COR_{56}$; a group $-NR_{55}CO_2R_{56}$; a group $-NHS(O)_iR_{52}$; a group $-NR_{55}S(O)_jR_{56}$; a group $-CONR_{55}R_{56}$; a group $-COR_{52}$; a group $-CO_2R_{52}$; a group $-S(O)_jR_{52}$; or a heteroaryl group, said heteroaryl being selected from a benzimidazolyl, a benzofuranyl, a benzoxazolyl, a furanyl, an imidazolyl, an indolyl, an isoxazolyl, an isothiazolyl, an oxadiazolyl, an oxazolyl, a pyrazinyl, a pyrazolyl, a pyridyl, a pyrimidinyl, a pyrrolyl, a quinolyl, a tetrazolyl, a thiadiazolyl, a thiazolyl, a thienyl and a triazolyl, and said heteroaryl being unsubstituted or monosubstituted or disubstituted by R_{58} ;
 - R_{55} is R_{52} ;
 - R_{56} is R_{52} ;
 - or R_{55} and R_{56} , together with the atoms to which they are bonded, form a five-, six- or seven-membered, saturated monocyclic heterocycle containing one or two heteroatoms, said heteroatoms being selected independently from a nitrogen atom, an oxygen atom and a sulfur atom, said heterocycle being unsubstituted or monosubstituted or disubstituted by a substituent selected from a hydroxyl, an oxo, a cyano, a halogen atom and a trifluoromethyl;
 - R_{57} is a (C_1-C_6) alkyl which is unsubstituted or mono-, di- or tri-substituted by a substituent selected from a hydroxyl, an oxo, a cyano, a group $-OR_{52}$, a group $-NR_{55}R_{56}$, a group $-NR_{55}COR_{56}$, a halogen atom, a trifluoromethyl and a phenyl which is itself unsubstituted or mono-, di- or tri-substituted by a substituent selected from a hydroxyl, an oxo, a cyano, a group $-NHR_{52}$, a group $-NR_{55}R_{56}$, a group $-NR_{55}COR_{56}$, a halogen atom, a trifluoromethyl and a (C_1-C_3) alkyl;
 - R_{58} is a hydrogen; a (C_1-C_6) alkyl which is unsubstituted or monosubstituted or disubstituted by a hydrogen or a hydroxyl; an oxo; a group $-OR_{52}$; a trifluoromethyl; a nitro; a cyano; a group $-NR_{55}R_{56}$; a group $-NR_{55}COR_{56}$; a group $-NR_{55}CO_2R_{56}$; a group $-NHS(O)_iR_{52}$; a group $-NR_{55}S(O)_jR_{56}$; a group $-CONR_{55}R_{56}$; a group $-COR_{52}$; a group $-CO_2R_{52}$; a group $-S(O)_jR_{52}$; or a phenyl,
- and the group B_7 being other than the group B_5 when W_7 is a hydrogen and W_6 and W_8 , together with a diradical W_9 , and the piperidine carbon atom to which they are bonded, form a spiro ring;
- viii - or a group B_8 of the formula

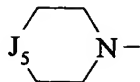


in which:

- W_{17} is a direct bond; a double bond; or a divalent hydrocarbon radical;

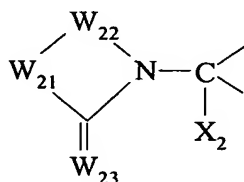
- W_{18} is a radical which is joined to the carbon atom of the heterocycle either by a single bond when W_{17} is a double bond, or by a double bond in the other cases;
- W_{19} is an unsubstituted or optionally substituted heteroatom;
- W_{20} is a hydrocarbon radical of which the 1-position is joined to W_{19} ; and
- the meanings of W_{17} , W_{18} , W_{19} and W_{20} are selected from:
 - (a) W_{17} is a direct bond; W_{18} is an oxo or thioxo group; W_{19} is an oxy or thio group or a group NR_{59} ; and W_{20} is a hydrocarbon radical L_3 ; or
 - (b) W_{17} is a direct bond; W_{18} is a group NR_{60} ; W_{19} is a group NR_{61} ; and W_{20} is a hydrocarbon radical L_3 ; or
 - (c) W_{17} is a double bond; W_{18} is a group OR_{61} , SR_{61} or $NR_{62}R_{63}$; W_{19} is a nitrogen atom; and W_{20} is a hydrocarbon radical L_3 ; or
 - (d) W_{17} is a methylene which is unsubstituted or substituted by one or two methyl groups; W_{18} is an oxo or thioxo group or a group NR_{64} ; W_{19} is an oxy, thio, sulfinyl or sulfonyl group or a group NR_{61} ; and W_{20} is a hydrocarbon radical L_4 ; or
 - (e) W_{17} is a direct bond; W_{18} is an oxo or thioxo group or a group NR_{64} ; W_{19} is a nitrogen atom; and W_{20} is a hydrocarbon radical L_5 ; or
 - (f) W_{17} is a methine group which is unsubstituted or substituted by one or two methyl groups; W_{18} is an oxo or thioxo group or a group NR_{64} ; W_{19} is a nitrogen atom; and W_{20} is a hydrocarbon radical L_6 ; and
 - (g) W_{17} is a cis-vinylene group which is unsubstituted or substituted by one or two methyl groups; W_{18} is an oxo or thioxo group or a group NR_{64} ; W_{19} is a nitrogen atom; and W_{20} is a hydrocarbon radical L_7 ;
- R_{59} is a hydrogen; a (C_1-C_3) alkyl; a group $-CH_2COOR_{65}$; or a group $-CH_2CONR_{66}R_{67}$;
- R_{60} is a hydrogen; a (C_1-C_3) alkyl; a cyano; a nitro; or a (C_1-C_3) alkylsulfonyl group;
- R_{61} is a hydrogen or a (C_1-C_3) alkyl;
- R_{62} and R_{63} are each independently a hydrogen or a (C_1-C_3) alkyl;
- or R_{62} and R_{63} , together with the nitrogen atom to which they are bonded, form a heterocycle selected from pyrrolidine, piperidine, morpholine, thiomorpholine (or its S-oxide) and piperazine which is unsubstituted or substituted in the 4-position by a (C_1-C_4) alkyl;
- R_{64} is a hydrogen or a (C_1-C_3) alkyl;
- R_{65} is a hydrogen or a (C_1-C_3) alkyl;
- R_{66} and R_{67} are each independently a hydrogen; a (C_1-C_3) alkyl; a phenyl; or a benzyl;
- L_3 is an ethylene, a cis-vinylene, a trimethylene or a tetramethylene, said hydrocarbon radical L_3 being unsubstituted or substituted by one or two methyl groups;
- L_4 is an ethylene or a trimethylene, said hydrocarbon radical L_4 being unsubstituted or substituted by one or two methyl groups;
- L_5 is a prop-2-en-1-yliden-3-yl which is unsubstituted or substituted by one or two methyl groups;

- L_6 is a cis-vinylene which is unsubstituted or substituted by one or two methyl groups; and
- L_7 is a methine which is unsubstituted or substituted by a (C_1-C_3) alkyl;
- ix - or a group B_9 of the formula



in which J_5 is:

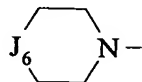
- a group



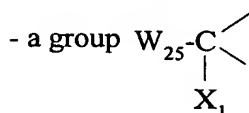
in which:

- X_2 is a (C_1-C_6) alkyl; a group $-CH_2-OR_{68}$; a group $-CH_2-SR_{68}$; a group $-CH_2-S(O)R_{69}$; a group $-CH_2-SO_2R_{69}$; a group $-COOR_{68}$; a group $-C(=W_{24})NR_{70}R_{71}$; a group $-C(R_{68})(OR_{72})(OR_{73})$; a group $-CH_2NR_{68}C(=W_{24})R_{74}$; a group $-CH_2-NR_{68}COOR_{74}$; or a group $-CH_2NR_{68}C(=W_{24})NR_{70}R_{71}$;
- W_{21} is a direct bond and W_{22} is a hydrocarbon radical of which the 1-position is joined to W_{21} , the hydrocarbon radical W_{22} being selected from a trimethylene, a tetramethylene, a cis-1-butenylene and a cis,cis-butadienylene;
- or W_{21} is a group NR_{75} and W_{22} is a hydrocarbon radical selected from an ethylene, a trimethylene and a cis-vinylene;
- or W_{21} is a nitrogen atom and W_{22} is a cis,cis-prop-2-en-1-yliden-3-yl radical of which the 1-position is joined to W_{21} ;
- W_{23} is an oxygen atom or a sulfur atom;
- W_{24} is an oxygen atom or a sulfur atom;
- R_{68} is a hydrogen or a (C_1-C_6) alkyl;
- R_{69} is a (C_1-C_6) alkyl;
- R_{70} and R_{71} are each independently a hydrogen; a (C_1-C_6) alkyl which is unsubstituted or substituted by a hydroxyl or a (C_1-C_3) alkoxy; an ω -HO- (C_1-C_6) alkyl; an ω -(C_1-C_3)alkoxy- (C_1-C_6) alkyl; an ω -phenyl- (C_1-C_6) alkyl; an ω - $R_{76}OOC$ -(C_1-C_6)alkyl; or an ω - $R_{77}R_{78}NCO$ -(C_1-C_6)alkyl;
- or R_{70} and R_{71} , together with the nitrogen atom to which they are bonded, form a heterocycle selected from pyrrolidine, piperidine, morpholine, thiomorpholine (or its S-oxide) and piperazine which is unsubstituted or substituted in the 4-position by a methyl group or an ethyl group;
- R_{72} and R_{73} are each independently a (C_1-C_3) alkyl;

- or R_{72} and R_{73} together form a divalent hydrocarbon radical selected from an ethylene and a trimethylene;
- R_{74} is a hydrogen or a (C_1-C_6) alkyl;
- R_{75} is a hydrogen or a (C_1-C_6) alkyl;
- R_{76} is a hydrogen or a (C_1-C_3) alkyl; and
- R_{77} and R_{78} are each independently a hydrogen or a (C_1-C_3) alkyl;
- x - or a group B_{10} of the formula



in which J_6 is:



in which:

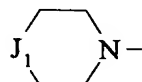
- X_1 is as defined above for the group B_1 , X_1 being other than hydrogen when W_{25} is a (C_1-C_7) alkyl or a (C_3-C_7) cycloalkyl;
- W_{25} is a (C_1-C_7) alkyl or a (C_3-C_7) cycloalkyl; W_{25} can also be a group $-NR_{79}R_{80}$ when X_1 is a hydrogen, a cyano, a carboxyl, a (C_1-C_7) alkoxycarbonyl or a group $-CONR_{19}R_{20}$; and
- R_{79} and R_{80} are each independently a (C_1-C_7) alkyl;
- or R_{79} and R_{80} , together with the nitrogen atom to which they are bonded, form a heterocycle selected from azetidine, pyrrolidine, piperidine, morpholine, thiomorpholine and perhydroazepine,

with the proviso that:

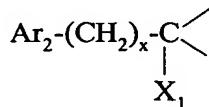
1/ when simultaneously:

- R_2 is a methyl group or R_1 and R_2 together form a group $-(CH_2)_3-$;
- Ar_1 is a 3,4-dichlorophenyl;
- T is a group $-CH_2-$; a group $-CO-$; a group $-COO-$; or a group $-CONR_3$;
- A is a direct bond; a group $-(CH_2)_t-$ in which t is one, two or three; or a vinylene group;
- or $-T-A-$ is the group $-SO_2-$; and
- Z is a phenyl which is unsubstituted or monosubstituted or polysubstituted by a halogen, a (C_1-C_4) alkyl, a (C_1-C_4) alkoxy or a nitro,

B is a group B_1 of the formula



in which J_1 is a group



in which:

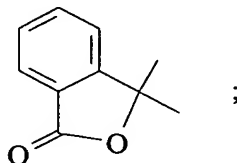
- x is zero;
- Ar₂ is a pyrid-2-yl or a phenyl which is unsubstituted or substituted by a halogen, a methyl or a (C₁-C₄)alkoxy; and
- X₁ is other than a group selected from:
 - formyl;
 - (C₁-C₆)alkylcarbonyl;
 - (CH₂)_m-OR₄ in which m is zero or one and R₄ is a hydrogen or a (C₁-C₇)alkyl;
 - (CH₂)_m-OCOR₅ in which m is zero or one and R₅ is a hydrogen or a (C₁-C₆)alkyl;
 - (CH₂)_m-OCONH(C₁-C₇)alkyl in which m is one;
 - NR₈R₉ in which R₈ and R₉ are each independently a hydrogen or a (C₁-C₇)alkyl; R₉ can also be a (C₃-C₇)cycloalkylmethyl, a benzyl or a phenyl; or R₈ and R₉, together with the nitrogen atom to which they are bonded, form a heterocycle selected from azetidine, pyrrolidine, piperidine, morpholine, thiomorpholine and perhydroazepine;
 - (CH₂)_p-NR₁₀R₁₁ in which p is one and R₁₀ and R₁₁ are each independently a hydrogen or a (C₁-C₇)alkyl; R₁₁ can also be a (C₁-C₇)cycloalkylmethyl or a benzyl;
 - NR₁₂COR₁₃ in which R₁₂ is a hydrogen or a (C₁-C₄)alkyl and R₁₃ is a hydrogen, a (C₁-C₇)alkyl, a phenyl, a benzyl, a pyridyl or a (C₃-C₇)cycloalkyl which is unsubstituted or substituted by one or more methyls; or R₁₂ and R₁₃ together are a group -(CH₂)_u- in which u is three or four;
 - (CH₂)_p-NR₁₄C(=W₁)R₁₆ in which p is one, W₁ is an oxygen atom, R₁₄ is a hydrogen or a (C₁-C₄)alkyl and R₁₆ is a hydrogen, a (C₁-C₇)alkyl, a phenyl, a benzyl, a pyridyl or a (C₃-C₇)cycloalkyl which is unsubstituted or substituted by one or more methyls;
 - (CH₂)_m-NR₁₄COOR₁₇ in which m is zero or one, R₁₄ is a hydrogen or a (C₁-C₄)alkyl and R₁₇ is a (C₁-C₇)alkyl or a phenyl;
 - (CH₂)_m-NR₁₄SO₂R₁₈ in which m is zero or one, R₁₄ is a hydrogen or a (C₁-C₄)alkyl and R₁₈ is a (C₁-C₇)alkyl, an amino which is free or substituted by one or two (C₁-C₇)alkyls, or a phenyl which is unsubstituted or monosubstituted or polysubstituted by a substituent selected from a halogen atom, a (C₁-C₇)alkyl, a trifluoromethyl, a hydroxyl, a (C₁-C₇)alkoxy, a carboxyl, a (C₁-C₇)alkoxycarbonyl, a (C₁-C₇)alkylcarbonyloxy, a cyano, a nitro and an amino which is free or substituted by one or two (C₁-C₇)alkyls, said substituents being identical or different;
 - (CH₂)_m-NR₁₄C(=W₁)NR₁₉R₂₀ in which m is zero or one, W₁ is an oxygen atom, R₁₄ is a hydrogen or a (C₁-C₄)alkyl and R₁₉ and R₂₀ are each independently a hydrogen or a (C₁-C₇)alkyl; R₂₀ can also be a (C₃-C₇)cycloalkyl, a (C₃-C₇)cycloalkylmethyl, a hydroxyl, a (C₁-C₄)alkoxy, a benzyl or a phenyl; or R₁₉ and R₂₀, together with the nitrogen atom to which they are bonded, form a heterocycle selected from azetidine, pyrrolidine, piperidine, morpholine, thiomorpholine and perhydroazepine;
 - (CH₂)_n-COOR₂₁ in which n is zero and R₂₁ is a (C₁-C₇)alkyl;

$-(CH_2)_n-C(=W_1)NR_{19}R_{20}$ in which n is zero, W_1 is an oxygen atom and R_{19} and R_{20} are as defined above; and

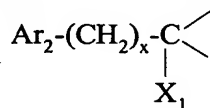
-CN;

or X_1 does not form a double bond between the carbon atom to which it is bonded and the adjacent carbon atom of the piperidine ring;

or Ar_2 and X_1 , together with the carbon atom to which they are bonded, are other than a group of the formula

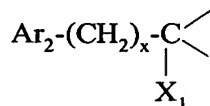


2/ when R_1 is hydrogen, R_2 is the methyl group, Ar_1 is the 3,4-dichlorophenyl group and T-A-Z is the thenoyl group, B is the group B_1 in which J_1 is the group



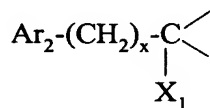
in which x is one, Ar_2 is the phenyl group and X_1 is other than hydrogen;

3/ when R_1 is hydrogen, R_2 is the methyl group, Ar_1 is the 3,4-dichlorophenyl group and T-A-Z is the 2,4-dichlorobenzoyl group, B is the group B_1 in which J_1 is the group



in which x is one, Ar_2 is the phenyl group and X_1 is other than hydrogen; or

4/ when R_1 and R_2 together form a group $-(CH_2)_3-$, Ar_1 is the 3,4-dichlorophenyl group and T-A-Z is the 2-(3-methoxyphenyl)acetyl group, B is the group B_1 in which J_1 is the group



in which x is one, Ar_2 is phenyl and X_1 is other than hydrogen;
and its salts, where appropriate, with mineral or organic acids.

Claim 2. (Original) A compound of formula (I) according to claim 1 in which:

- Z is Z' and is:

. a phenyl which is unsubstituted or monosubstituted or polysubstituted by a substituent selected from a halogen atom; a trifluoromethyl; a cyano; a hydroxyl; a nitro; an amino which is unsubstituted or monosubstituted or disubstituted by a (C_1-C_4) alkyl; a benzylamino; a carboxyl; a (C_1-C_{10}) alkyl; a (C_3-C_8) cycloalkyl which is unsubstituted or monosubstituted or polysubstituted by a methyl; a (C_1-C_{10}) alkoxy; a (C_3-C_8) cycloalkoxy which is unsubstituted or monosubstituted or polysubstituted by a methyl; a mercapto; a

(C₁-C₁₀)alkylthio; a formyloxy; a (C₁-C₆)alkylcarbonyloxy; a formylamino; a (C₁-C₆)alkylcarbonylamino; a benzoylamino; a (C₁-C₄)alkoxycarbonyl; a (C₃-C₇)cycloalkoxycarbonyl; a carbamoyl which is unsubstituted or monosubstituted or disubstituted by a (C₁-C₄)alkyl; a ureido which is unsubstituted or monosubstituted or disubstituted in the 3-position by a (C₁-C₄)alkyl or a (C₃-C₇)cycloalkyl; and a (pyrrolidin-1-yl)carbonylamino, said substituents being identical or different;

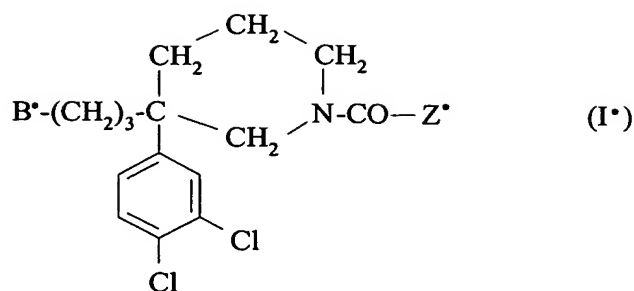
- . a naphthyl which is unsubstituted or monosubstituted or polysubstituted by a halogen, a trifluoromethyl, a (C₁-C₄)alkyl, a hydroxyl or a (C₁-C₄)alkoxy; or
- . a pyridyl; a thienyl; an indolyl; a quinolyl; a benzothienyl; or an imidazolyl;
- . Ar₁ is a 3,4-dichlorophenyl;
- . R₁ and R₂ together form a group -(CH₂)₃- or -(CH₂)₄-; and
- . B, T and A are as defined for (I) in claim 1,

and its salts with mineral or organic acids.

Claim 3. (Original): A compound of formula (I) according to claim 1 in which:

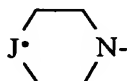
- Z is Z* and is a pyridyl, thiadiazolyl, indolyl, indazolyl, imidazolyl, benzimidazolyl, benzotriazolyl, benzofuranyl, benzothienyl, benzothiazolyl, benzisothiazolyl, quinolyl, isoquinolyl, benzoxazolyl, benzisoxazolyl, benzoxazinyl, benzodioxinyl, isoxazolyl, benzopyranyl, thiazolyl, thienyl, furyl, pyranyl, chromenyl, isobenzofuranyl, pyrrolyl, pyrazolyl, pyrazinyl, pyrimidinyl, pyridazinyl, indoliziny, phthalazinyl, quinazolinyl, acridinyl, isothiazolyl, isochromanly or chromanly group, in which one or more double bonds can be hydrogenated, it being possible for said groups to be unsubstituted or optionally to contain one or more substituents such as an alkyl, phenyl, cyano, hydroxyalkyl, hydroxyl, alkylcarbonylamino, alkoxycarbonyl or thioalkyl group, in which the alkyl and alkoxy groups are C₁-C₄;
 - R₁ and R₂ together form a group -(CH₂)₃-;
 - Ar₁ is a 3,4-dichlorophenyl;
 - T is a group -CO-;
 - A is a direct bond; and
 - B is as defined for a compound of formula (I) in claim 1,
- and its salts with mineral or organic acids.

Claim 4. (Currently amended): A compound ~~of the formula~~ according to ~~one of claims 1 or~~ claim 3 of the formula



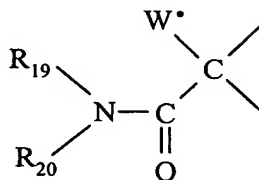
in which:

- ~~Z* is as defined in claim 3; and~~
- B* is a group of the formula



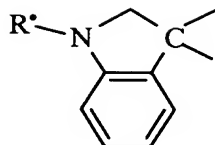
in which J* is:

- i* - either a group of the structure



in which:

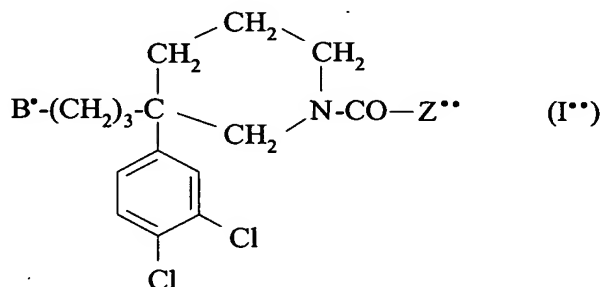
- W* is a phenyl or a benzyl and R₁₉ and R₂₀ are ~~as defined for a compound of formula (I) in claim 1~~ each independently a hydrogen or a (C₁-C₇)alkyl; R₂₀ can also be a (C₃-C₇)cycloalkyl; a (C₃-C₇)cycloalkylmethyl; a hydroxyl; a (C₁-C₄)alkoxy; a benzyl; a phenyl; or a (C₁-C₇)alkyl substituted by a hydroxyl, a (C₁-C₃)alkoxy, a phenyl, a carboxyl, a (C₁-C₃)alkoxycarbonyl or a carbamoyl which is unsubstituted or substituted by one or two (C₁-C₇)alkyls;
- ~~or R₁₉ and R₂₀ together with the nitrogen atom to which they are bonded, form a heterocycle selected from azetidine, pyrrolidine, piperidine, morpholine, thiomorpholine, perhydroazepine and piperazine which is unsubstituted or substituted in the 4-position by a (C₁-C₄)alkyl;~~
- ~~or W* is a group -NR₇₉R₈₀ in which R₇₉ and R₈₀ are as defined for (I) in claim 1~~ each independently a (C₁-C₇)alkyl;
- ~~or R₇₉ and R₈₀ together with the nitrogen atom to which they are bonded, form a heterocycle selected from azetidine, pyrrolidine, piperidine, morpholine, thiomorpholine and perhydroazepine,~~ and R₁₉ and R₂₀ are each hydrogen;
- i** - or a group of the structure



in which:

- R* is hydrogen, a methyl group, an acetyl group, a methoxycarbonyl group, a dimethylaminocarbonyl group or a methanesulfonyl group, and its salts with mineral or organic acids.

Claim 5. (Currently amended): A compound according to ~~one of claims 1, 3 or 4~~ claim 4 of the formula



in which:

- ~~- B* is as defined for a compound of formula (I*) in claim 4; and~~
- Z** is a pyridyl, ~~for example a 4-pyridyl~~, a 2-thienyl, a 3-thienyl, a 2-furyl or a 3-furyl, and its salts with mineral or organic acids.

Claim 6. (Cancelled)

Claim 7. (Currently amended): A compound according to ~~claim 1 or claim 2 of formula (I)~~ in which ~~simultaneously~~:

- B is a group B₃ in which:
 - . either W₃ is oxygen, R₂₉ is a (C₁-C₄)alkyl or a trifluoromethyl and R₂₈ is a (C₁-C₆)alkyl, especially an ethyl;
 - . or W₃ is oxygen, R₂₈ is an allyl or a cyclohexyl and R₂₉ is a methyl;
 - . or W₃ is oxygen, R₂₈ is an ethyl and R₂₉ is a methylamino or a dimethylamino;
 - . or W₃ is oxygen and R₂₈ and R₂₉ together form a 1,3-propylene, 1,4-butylene or cis,cis-1,4-butadienyl group;
 - . or W₃ is sulfur and R₂₈ and R₂₉ together form a 1,4-butylene group;
- ~~- R₁ and R₂ together form a group -(CH₂)₃- or -(CH₂)₄-;~~
- ~~- Ar₁ is a 3,4-dichlorophenyl;~~

- ~~Z = Z'~~ as defined in claim 2; and
 - ~~T and A are as defined above for a compound of formula (I) in claim 1;~~
 - T is a group -CH₂-; a group -CO-; a group -COO-; or a group -CONR₃- in which R₃ is a hydrogen or a (C₁-C₄)alkyl;
 - A is a direct bond; a group -(CH₂)_t- in which t is one, two or three; or a vinylene group;
 - or -T-A- is the group -SO₂-;
- and its salts with mineral or organic acids.

Claim 8. (Currently amended): A compound according to ~~claim 1 or claim 2 of formula (I)~~ in which ~~simultaneously~~:

- B is B₄ in which: W₄ is 1-hydroxypropyl, 1-hydroxyethyl, 1-hydroxybutyl, 2-hydroxybut-2-yl, 4-hydroxyhept-4-yl, 2-hydroxyethyl, 1-hydroxyiminopropyl (syn or anti), 1-methoxyiminopropyl (syn or anti), 2-acetoxyethyl, 2-acetamidoethyl, carboxyl, ethoxycarbonyl or pyrrolidin-1-ylcarbonyl;
 - ~~R₁ and R₂ together form a group -(CH₂)₃- or -(CH₂)₄-;~~
 - ~~Ar₁ is a 3,4-dichlorophenyl;~~
 - ~~Z = Z'~~ as defined in claim 2; and
 - ~~T and A are as defined above for a compound of formula (I) in claim 1;~~
 - T is a group -CH₂-; a group -CO-; a group -COO-; or a group -CONR₃- in which R₃ is a hydrogen or a (C₁-C₄)alkyl;
 - A is a direct bond; a group -(CH₂)_t- in which t is one, two or three; or a vinylene group;
 - or -T-A- is the group -SO₂-;
- and its salts with mineral or organic acids.

Claim 9. (Currently amended): A compound according to ~~claim 1 or claim 2 of formula (I)~~ in which ~~simultaneously~~:

- B is a group B₅ in which: W₇ is a hydroxyl, W₆ is a hydrogen and W₈ is a phenyl; or W₆ and W₇ are hydrogen and W₈ is selected from the following groups: 5-methyl-1,3,4-oxadiazol-2-yl, 4-ethoxycarbonylimidazol-2-yl, 2-fluoropyrid-3-yl, 2-methylthiophenyl, 4-methylthiophenyl, 2-methylsulfinylphenyl, 4-methylsulfinylphenyl and 4-(N-methylcarbamoyl)phenyl; or W₇ is hydrogen and W₆ and W₈, together with the piperidine to which they are bonded, form a spiro[isobenzofuran-1(3H),4'-piperid]-1'-yl group or a 3-oxospiro[isobenzofuran-1(3H),4'-piperid]-1'-yl group;
- ~~R₁ and R₂ together form a group -(CH₂)₃- or -(CH₂)₄-;~~
- ~~Ar₁ is a 3,4-dichlorophenyl;~~
- ~~Z = Z'~~ as defined in claim 2; and
- ~~T and A are as defined above for a compound of formula (I) in claim 1;~~
- T is a group -CH₂-; a group -CO-; a group -COO-; or a group -CONR₃- in which R₃ is a hydrogen or a (C₁-C₄)alkyl;

- A is a direct bond; a group $-(CH_2)_t-$, in which t is one, two or three; or a vinylene group;
 - or -T-A- is the group $-SO_2-$;
 and its salts with mineral or organic acids.

Claim 10. (Original): A compound according to claim 1 or claim 2 of formula (I) in which simultaneously:

- B is a group B_6 as defined in claim 1;
- R_1 and R_2 together form a group $-(CH_2)_3-$ or $-(CH_2)_4-$;
- Ar_1 is a 3,4-dichlorophenyl;
- $Z = Z'$ as defined in claim 2; and
- T and A are as defined above for a compound of formula (I) in claim 1, and its salts with mineral or organic acids.

Claim 11. (Currently amended): A compound according to ~~claim 1 or claim 2 of formula (I)~~ in which ~~simultaneously~~:

- B is a group B_7 selected from:
 - a) a 1-methanesulfonyl-spiro(indoline-3,4'-piperid-1'-yl)
 - b) a 1-benzyloxycarbonyl-spiro(indoline-3,4'-piperid-1'-yl)
 - c) a spiro(indoline-3,4'-piperid-1'-yl)
 - d) a 1-acetyl-spiro(indoline-3,4'-piperid-1'-yl)
 - e) a 1-propionyl-spiro(indoline-3,4'-piperid-1'-yl)
 - f) a 1-formyl-spiro(indoline-3,4'-piperid-1'-yl)
 - g) a 1-tert-butylcarbonyl-spiro(indoline-3,4'-piperid-1'-yl)
 - h) a 1-methylaminocarbonyl-spiro(indoline-3,4'-piperid-1'-yl)
 - i) a 1-ethoxycarbonyl-spiro(indoline-3,4'-piperid-1'-yl)
 - j) a 1-ethanesulfonyl-spiro(indoline-3,4'-piperid-1'-yl)
 - k) a 1-isopropanesulfonyl-spiro(indoline-3,4'-piperid-1'-yl)
 - l) a 1'-methyl-1-methanesulfonyl-spiro(indoline-3,4'-piperidinio-1') iodide
 - m) a 1-(2-aminoacetyl)-spiro(indoline-3,4'-piperid-1'-yl)
 - n) a 1-methyl-spiro(indol-2-one-3,4'-piperid-1'-yl)
 - o) a 2-methyl-spiro(isoindol-1-one-3,4'-piperid-1'-yl)
 - p) a spiro(2-oxotetrahydroquinoline-4,4'-piperid-1'-yl)
 - q) a 1-methyl-spiro(2-oxotetrahydroquinoline-4,4'-piperid-1'-yl)
 - r) a spiro(2,3-dihydrobenzothiophene-3,4'-piperid-1'-yl)
 - s) a 5-fluoro-spiro(2,3-dihydrobenzofuran-3,4'-piperid-1'-yl)
 - t) a spiro(2,3-dihydrobenzofuran-3,4'-piperid-1'-yl)
 - u) a spiro(2,3-dihydrobenzothiophene-3,4'-piperid-1'-yl) 1-oxide
 - v) a spiro(2,3-dihydrobenzothiophene-3,4'-piperid-1'-yl) 1,1-dioxide
 - w) a 5-fluoro-1-methanesulfonyl-spiro(indoline-3,4'-piperid-1'-yl)

- x) a 1-methanesulfonyl-5-methoxy-spiro(indoline-3,4'-piperid-1'-yl)
 - y) a 1-methanesulfonyl-5-methyl-spiro(indoline-3,4'-piperid-1'-yl)
 - z) a 5-chloro-1-methanesulfonyl-spiro(indoline-3,4'-piperid-1'-yl)
 - aa) a 7-fluoro-1-methanesulfonyl-spiro(indoline-3,4'-piperid-1'-yl)
 - ab) a 1-acetyl-5-fluoro-spiro(indoline-3,4'-piperid-1'-yl)
 - ac) a 1-acetyl-5-chloro-spiro(indoline-3,4'-piperid-1'-yl)
 - ad) a 1-acetyl-5-methyl-spiro(indoline-3,4'-piperid-1'-yl)
 - ae) a 1-acetyl-6-fluoro-spiro(indoline-3,4'-piperid-1'-yl)
 - af) a 1-acetyl-4-fluoro-spiro(indoline-3,4'-piperid-1'-yl)
 - ag) a 1-(N,N-dimethylcarbamoyl)-spiro(indoline-3,4'-piperid-1'-yl);
 - ~~-R₄ and R₅ together form a group -(CH₂)₃- or -(CH₂)₄-;~~
 - ~~-Ar₄ is a 3,4-dichlorophenyl;~~
 - ~~-Z=Z' as defined in claim 2; and~~
 - ~~-T and A are as defined above for (I) in claim 1;~~
 - ~~-T is a group -CH₂-; a group -CO-; a group -COO-; or a group -CONR₃- in which R₃ is a hydrogen or a (C₁-C₄)alkyl;~~
 - ~~-A is a direct bond; a group -(CH₂)_t-, in which t is one, two or three; or a vinylene group;~~
 - ~~-_____ or -T-A- is the group -SO₂-;~~
- and its salts with mineral or organic acids.

Claim 12. (Currently amended): A compound according to ~~claim 1 or~~ claim 2 of formula (I) in which ~~simultaneously~~:

- B is a group B₈ in which: W₁₇ is a direct bond, W₁₈ is an oxo or thioxo group, W₁₉ is an oxy group or a group NH and W₂₀ is an ethylene or trimethylene group;
 - ~~-R₄ and R₅ together form a group -(CH₂)₃- or -(CH₂)₄-;~~
 - ~~-Ar₄ is a 3,4-dichlorophenyl;~~
 - ~~-Z=Z' as defined according to claim 2; and~~
 - ~~-T and A are as defined above for (I) for claim 1;~~
 - ~~-T is a group -CH₂-; a group -CO-; a group -COO-; or a group -CONR₃- in which R₃ is a hydrogen or a (C₁-C₄)alkyl;~~
 - ~~-A is a direct bond; a group -(CH₂)_t-, in which t is one, two or three; or a vinylene group;~~
 - ~~-_____ or -T-A- is the group -SO₂-;~~
- and its salts with mineral or organic acids.

Claim 13. (Currently amended): A compound according to ~~claim 1 or~~ claim 2 of formula (I) in which ~~simultaneously~~:

- B is a group B₉ in which: X₂ is a group -COOR₆₈ or a group -C(=W₂₄)NR₇₀R₇₁ and W₂₁, W₂₂ and W₂₃, together with the nitrogen atom, form a 2-oxopiperidino group or a 2-oxoperhydropyrimidin-1-yl group;

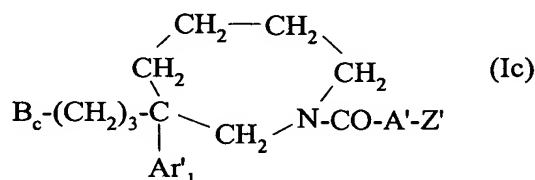
- ~~R₁ and R₂ together form a group -(CH₂)₃- or -(CH₂)₄-;~~
 - ~~Ar₁ is a 3,4-dichlorophenyl;~~
 - ~~Z = Z'~~ as defined in claim 2; and
 - ~~T and A are as defined above for (I) in claim 1;~~
 - T is a group -CH₂-; a group -CO-; a group -COO-; or a group -CONR₃- in which R₃ is a hydrogen or a (C₁-C₄)alkyl;
 - A is a direct bond; a group -(CH₂)_t- in which t is one, two or three; or a vinylene group;
 - _____ or -T-A- is the group -SO₂-;
- and its salts with mineral or organic acids.

Claim 14. (Original) A compound according to claim 1 or claim 2 of formula (I) in which simultaneously:

- B is a group B₁₀ as defined in claim 1;
 - R₁ and R₂ together form a group -(CH₂)₃- or -(CH₂)₄-;
 - Ar₁ is a 3,4-dichlorophenyl;
 - Z = Z' as defined in claim 2; and
 - T and A are as defined above for (I) in claim 1,
- and its salts with mineral or organic acids.

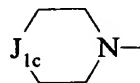
Claims 15-21 (Cancelled)

Claim 22. (Currently amended): A compound according to ~~claim 1 or~~ claim 2 of the formula

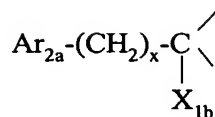


in which:

- Ar'₁ is a phenyl which is unsubstituted or monosubstituted or polysubstituted by a substituent selected from a halogen atom, a hydroxyl, a (C₁-C₄)alkoxy, a (C₁-C₄)alkyl, a trifluoromethyl and a methylenedioxy, said substituents being identical or different;
- A' is a direct bond or a group -CH₂-;
- ~~Z' is as defined above in claim 2; and~~
- B_c is a group B_{1c} of the formula



in which J_{1c} is a group



in which:

- x is zero or one;
- Ar_{2a} is a phenyl which is unsubstituted or monosubstituted or polysubstituted by a substituent selected from a halogen atom, a hydroxyl, a (C₁-C₄)alkoxy, a (C₁-C₄)alkyl, a trifluoromethyl and a methylenedioxy, said substituents being identical or different; and
- X_{1b} is as defined for a compound of formula (I_b) in claim 19, a group selected from:

. hydrogen;

. (C₁-C₇)alkyl;

. formyl;

. (C₁-C₇)alkylcarbonyl;

. -(CH₂)_m-OR₄;

. -(CH₂)_m-OCOR₅;

. -(CH₂)_m-OCONH-(C₁-C₇)alkyl;

. -O-CH₂CH₂-OR₆;

. -(CH₂)_n-SR₇;

. -CH₂-S(O)_j-(C₁-C₇)alkyl;

. -NR₈R₉;

. -(CH₂)_p-NR₁₀R₁₁;

. -NR₁₂COR₁₃;

. -NR₁₄COCOR₁₅;

. -(CH₂)_p-NR₁₄C(=W₁)R₁₆;

. -(CH₂)_m-NR₁₄COOR₁₇;

. -(CH₂)_m-NR₁₄SO₂R₁₈;

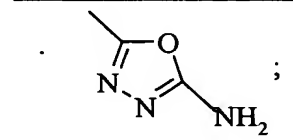
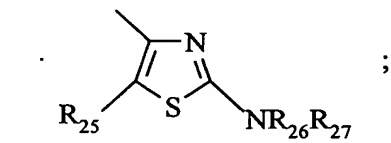
. -(CH₂)_m-NR₁₄C(=W₁)NR₁₉R₂₀;

. -(CH₂)_n-COOR₂₁;

. -(CH₂)_n-C(=W₁)NR₁₉R₂₀;

. -CO-NR₂₂-NR₂₃R₂₄;

. -CN;



or X_{1b} forms a double bond between the carbon atom to which it is bonded and the adjacent carbon atom of the piperidine ring,

in which groups:

- m is zero, one or two;

- n is zero or one;

- p is one or two;

- j is one or two;

- W₁ is an oxygen atom or a sulfur atom;

- R₁ is a hydrogen or a (C₁-C₇)alkyl;

- R₂ is a hydrogen; a (C₁-C₇)alkyl; a (C₃-C₇)cycloalkyl which is unsubstituted or substituted by one or more methyls; a phenyl; or a pyridyl;

- R₃ is a hydrogen; a (C₁-C₇)alkyl; a formyl; or a (C₁-C₇)alkylcarbonyl;

- R₇ is a hydrogen or a (C₁-C₇)alkyl;

- R₈ and R₉ are each independently a hydrogen or a (C₁-C₇)alkyl; R₉ can also be a (C₃-C₇)cycloalkylmethyl, a benzyl or a phenyl;

- or R₈ and R₉ together with the nitrogen atom to which they are bonded, form a heterocycle selected from azetidine, pyrrolidine, piperidine, morpholine, thiomorpholine, perhydroazepine and piperazine which is unsubstituted or substituted in the 4-position by a (C₁-C₄)alkyl;

- R₁₀ and R₁₁ are each independently a hydrogen or a (C₁-C₇)alkyl; R₁₁ can also be a (C₃-C₇)cycloalkylmethyl or a benzyl;

- R₁₂ is a hydrogen or a (C₁-C₇)alkyl;

- R₁₃ is a hydrogen; a (C₁-C₇)alkyl; a (C₃-C₇)cycloalkyl which is unsubstituted or substituted by one or more methyls; a phenyl; a benzyl; a vinyl; a pyridyl; a furyl; a thienyl; a pyrrolyl; or an imidazolyl;

- or R₁₂ and R₁₃ together are a group -(CH₂)_u- in which u is three or four;

- R₁₄ is a hydrogen or a (C₁-C₇)alkyl;

- R₁₅ is a (C₁-C₄)alkoxy;

- R₁₆ is a hydrogen; a (C₁-C₇)alkyl; a (C₃-C₇)cycloalkyl which is unsubstituted or substituted by one or more methyls; a phenyl; a benzyl; a vinyl; a pyridyl; a furyl; a thienyl; a pyrrolyl; or an imidazolyl;

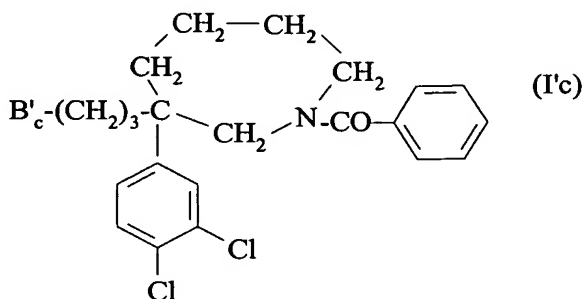
- R₁₇ is a (C₁-C₇)alkyl or a phenyl;

- R₁₈ is a (C₁-C₇)alkyl; an amino which is free or substituted by one or two (C₁-C₇)alkyls; or a phenyl which is unsubstituted or monosubstituted or polysubstituted by a substituent selected from a halogen atom, a (C₁-C₇)alkyl, a trifluoromethyl, a hydroxyl, a (C₁-C₇)alkoxy, a carboxyl, a (C₁-C₇)alkoxycarbonyl, a (C₁-C₇)alkylcarbonyloxy, a cyano, a nitro and an amino which is free or substituted by one or two (C₁-C₇)alkyls, said substituents being identical or different;

- R₁₉ and R₂₀ are each independently a hydrogen or a (C₁-C₇)alkyl; R₂₀ can also be a (C₃-C₇)cycloalkyl; a (C₃-C₇)cycloalkylmethyl; a hydroxyl; a (C₁-C₄)alkoxy; a benzyl; a phenyl; or a (C₁-C₇)alkyl substituted by a hydroxyl, a (C₁-C₃)alkoxy, a phenyl, a carboxyl, a (C₁-C₃)alkoxycarbonyl or a carbamoyl which is unsubstituted or substituted by one or two (C₁-C₇)alkyls;
- or R₁₉ and R₂₀ together with the nitrogen atom to which they are bonded, form a heterocycle selected from azetidine, pyrrolidine, piperidine, morpholine, thiomorpholine, perhydroazepine and piperazine which is unsubstituted or substituted in the 4-position by a (C₁-C₄)alkyl;
- R₂₁ is a hydrogen or a (C₁-C₇)alkyl;
- R₂₂ is a hydrogen or a (C₁-C₇)alkyl;
- R₂₃ and R₂₄ are each independently a hydrogen or a (C₁-C₇)alkyl;
- R₂₅ is a hydrogen or a (C₁-C₇)alkyl; and
- R₂₆ and R₂₇ are each independently a hydrogen or a (C₁-C₇)alkyl; R₂₇ can also be a formyl or a (C₁-C₇)alkylcarbonyl

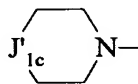
and its salts with mineral or organic acids.

Claim 23. (Currently amended): A compound according to ~~any one of claims 1, 2 or 22~~ claim 22 of the formula

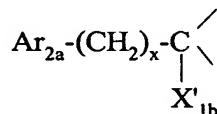


in which:

- B'_c is a group B'_{1c} of the formula



in which J'_{1c} is a group



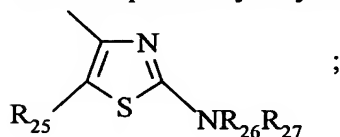
in which:

- x is zero or one;
- Ar_{2a} is a phenyl which is unsubstituted or monosubstituted or polysubstituted by a substituent selected from a halogen atom, a hydroxyl, a (C₁-C₄)alkoxy, a (C₁-C₄)alkyl, a trifluoromethyl and a methylenedioxy, said substituents being identical or different; and

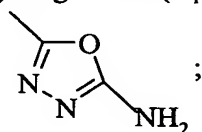
- X'_{1b} is a group selected from:

- (C₁-C₇)alkyl;
- -(CH₂)_m-OR₄ in which m is one or two and R₄ is a hydrogen or a (C₁-C₇)alkyl;
- -(CH₂)_m-OCOR₅ in which m is zero and R₅ is a (C₃-C₇)cycloalkyl which is unsubstituted or substituted by one or more methyls; a phenyl; or a pyridyl; and m is one or two and R₅ is a hydrogen; a (C₁-C₇)alkyl; a (C₃-C₇)cycloalkyl which is unsubstituted or substituted by one or more methyls; a phenyl; or a pyridyl;
- -(CH₂)_m-OCONH-(C₁-C₇)alkyl in which m is zero, one or two;
- -O-CH₂-CH₂-OR₆ in which R₆ is a hydrogen; a (C₁-C₇)alkyl; a formyl; or a (C₁-C₇)alkylcarbonyl;
- -(CH₂)_n-SR₇ in which n is zero or one and R₇ is a hydrogen or a (C₁-C₇)alkyl;
- -CH₂-S(O)_j-(C₁-C₇)alkyl in which j is one or two;
- -NR₈R₉ in which R₈ is a hydrogen or a (C₁-C₇)alkyl and R₉ is a (C₃-C₇)cycloalkylmethyl or a benzyl; or R₈ and R₉, together with the nitrogen atom to which they are bonded, form a heterocycle selected from azetidine, thiomorpholine, perhydroazepine and piperazine which is unsubstituted or substituted in the 4-position by a (C₁-C₄)alkyl;
- -(CH₂)_p-NR₁₀R₁₁ in which p is one or two, R₁₀ is a hydrogen or a (C₁-C₇)alkyl and R₁₁ is a hydrogen, a (C₁-C₇)alkyl, a (C₃-C₇)cycloalkylmethyl or a benzyl;
- -NR₁₂COR₁₃ in which R₁₂ is a hydrogen or a (C₁-C₇)alkyl and R₁₃ is a (C₃-C₇)cycloalkyl which is unsubstituted or substituted by one or more methyls; a phenyl; a benzyl; a vinyl; a pyridyl; a furyl; a thienyl; a pyrrolyl; or an imidazolyl; or R₁₂ and R₁₃ together form a group -(CH₂)_u in which u is three or four;
- -NR₁₄COCOR₁₅ in which R₁₄ is a hydrogen or a (C₁-C₇)alkyl and R₁₅ is a (C₁-C₄)alkoxy;
- -(CH₂)_p-NR₁₄C(=W₁)R₁₆ in which p is one or two, W₁ is an oxygen atom or a sulfur atom, R₁₄ is a hydrogen or a (C₁-C₇)alkyl and R₁₆ is a hydrogen or a (C₁-C₇)alkyl; a (C₃-C₇)cycloalkyl which is unsubstituted or substituted by one or more methyls; a phenyl; a benzyl; a vinyl; a pyridyl; a furyl; a thienyl; a pyrrolyl; or an imidazolyl;
- -(CH₂)_m-NR₁₄COOR₁₇ in which m is zero, one or two, R₁₄ is a hydrogen or a (C₁-C₇)alkyl and R₁₇ is a (C₁-C₇)alkyl or a phenyl;
- -(CH₂)_m-NR₁₄SO₂R₁₈ in which m is zero, one or two, R₁₄ is a hydrogen or a (C₁-C₇)alkyl and R₁₈ is a (C₁-C₇)alkyl; an amino which is free or substituted by one or two (C₁-C₇)alkyls; or a phenyl which is unsubstituted or monosubstituted or polysubstituted by a substituent selected from a halogen atom, a (C₁-C₇)alkyl, a trifluoromethyl, a hydroxyl, a (C₁-C₇)alkoxy, a carboxyl, a (C₁-C₇)alkoxycarbonyl, a (C₁-C₇)alkylcarbonyloxy, a cyano, a nitro and an amino which is free or substituted by one or two (C₁-C₇)alkyls, said substituents being identical or different;

- $-(CH_2)_m-NR_{14}C(=W_1)NR_{19}R_{20}$ in which m is zero, one or two, W_1 is an oxygen atom or a sulfur atom, R_{14} is a hydrogen or a (C_1-C_7) alkyl and R_{19} and R_{20} are each independently a hydrogen or a (C_1-C_7) alkyl; R_{20} can also be a (C_3-C_7) cycloalkyl; a (C_3-C_7) cycloalkylmethyl; a hydroxyl; a (C_1-C_4) alkoxy; a benzyl; a phenyl; or a (C_1-C_7) alkyl substituted by a hydroxyl, a (C_1-C_3) alkoxy, a phenyl, a carboxyl, a (C_1-C_3) alkoxycarbonyl or a carbamoyl which is unsubstituted or substituted by one or two (C_1-C_7) alkyls; or R_{19} and R_{20} , together with the nitrogen atom to which they are bonded, form a heterocycle selected from azetidine, pyrrolidine, piperidine, morpholine, thiomorpholine, perhydroazepine and piperazine which is unsubstituted or substituted in the 4-position by a (C_1-C_4) alkyl;
- $-(CH_2)_n-COOR_{21}$ in which n is one and R_{21} is a hydrogen or a (C_1-C_7) alkyl;
- $-(CH_2)_n-C(=W_1)NR_{19}R_{20}$ in which n is zero or one, W_1 is an oxygen atom or a sulfur atom and R_{19} and R_{20} are each independently a hydrogen or a (C_1-C_7) alkyl; R_{20} can also be a (C_3-C_7) cycloalkyl; a (C_3-C_7) cycloalkylmethyl; a hydroxyl; a (C_1-C_4) alkoxy; a benzyl; a phenyl; or a (C_1-C_7) alkyl substituted by a hydroxyl, a (C_1-C_3) alkoxy, a phenyl, a carboxyl, a (C_1-C_3) alkoxycarbonyl or a carbamoyl which is unsubstituted or substituted by one or two (C_1-C_7) alkyls; or R_{19} and R_{20} , together with the nitrogen atom to which they are bonded, form a heterocycle selected from azetidine, pyrrolidine, piperidine, morpholine, thiomorpholine, perhydroazepine and piperazine which is unsubstituted or substituted in the 4-position by a (C_1-C_4) alkyl;
- $-CO-NR_{22}-NR_{23}R_{24}$ in which R_{22} is a hydrogen or a (C_1-C_7) alkyl and R_{23} and R_{24} are each independently a hydrogen or a (C_1-C_7) alkyl;



in which R_{25} is a hydrogen or a (C_1-C_7) alkyl and R_{26} and R_{27} are each independently a hydrogen or a (C_1-C_7) alkyl; R_{27} can also be a formyl or a (C_1-C_7) alkylcarbonyl; and

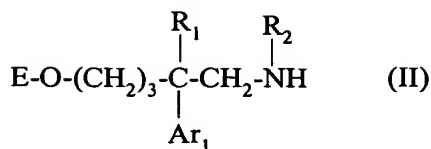


and its salts with mineral or organic acids.

Claims 24 and 25 (Cancelled)

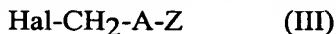
Claim 26. (Original): Method of preparing a compound of formula (I) according to claim 1 and its salts, characterized in that:

- 1) a compound of the formula



in which Ar₁, R₁ and R₂ are as defined for a compound of formula (I) in claim 1 and E is hydrogen or an O-protecting group, is treated:

- either with a halogenated derivative of the formula



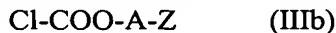
in which Hal is a halogen atom, preferably bromine, and A and Z are as defined for a compound of formula (I) in claim 1, when it is desired to prepare a compound of formula (I) in which T is a group -CH₂-;

- or with a functional derivative of an acid of the formula



in which A and Z are as defined above, when it is desired to prepare a compound of formula (I) in which T is a group -CO-;

- or with a chloroformate of the formula



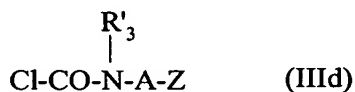
in which A and Z are as defined above, when it is desired to prepare a compound of formula (I) in which T is group -COO-;

- or with an isocyanate of the formula



in which A and Z are as defined above, when it is desired to prepare a compound of formula (I) in which T is a group -CO-NR₃- in which R₃ is hydrogen;

- or with a carbamoyl chloride of the formula

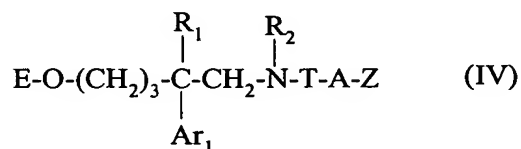


in which A and Z are as defined above and R'₃ is a (C₁-C₄)alkyl, when it is desired to prepare a compound of formula (I) in which T is -CONR₃- in which R₃ is a (C₁-C₄)alkyl;

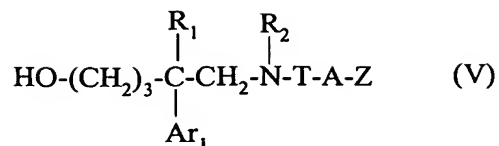
- or with a sulfonyl chloride of the formula



in which Z is as defined above, when it is desired to prepare a compound of formula (I) in which -T-A- is a group -SO₂-,
to give a compound of the formula

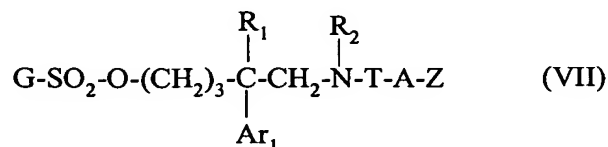


2) the O-protecting group, if present, is removed from the compound of formula (IV), by reaction with an acid or a base, to give the alcohol of the formula

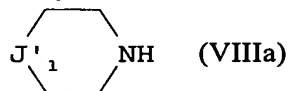


3) the alcohol (V) is treated with a compound of the formula
 $\text{G}-\text{SO}_2-\text{Cl} \quad (\text{VI})$

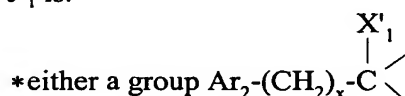
in which G is a methyl, phenyl, tolyl or trifluoromethyl group, to give a compound of the formula



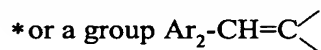
4) the compound (VII) is reacted:
 - either with a cyclic secondary amine of the formula



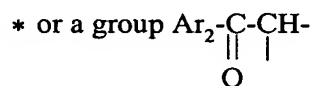
in which J'₁ is:



in which Ar₂ and x are as defined for (I) in claim 1 and X'₁ is either X₁ as defined for (I), or a precursor of X₁, it being understood that when X'₁ contains a hydroxyl group or an amino group, these groups can be protected;



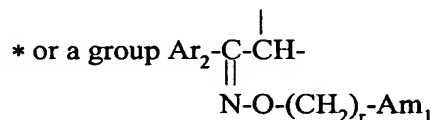
in which Ar₂ is as defined for (I) in claim 1;



in which Ar₂ is as defined for (I) in claim 1;



in which Ar₂ is as defined for (I) in claim 1;

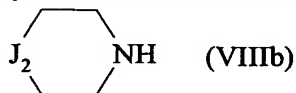


in which Ar₂, Am₁ and r are as defined for (I) in claim 1;



in which Ar₂ and W₂ are as defined for (I) in claim 1;

- or with a cyclic secondary amine of the formula



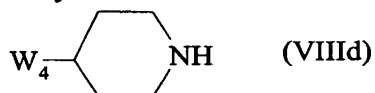
in which J_2 is as defined above for (I) in claim 1;

- or with a cyclic secondary amine of the formula



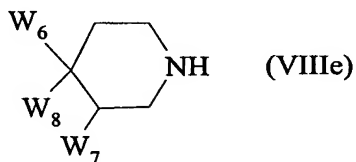
in which J_3 is as defined above for (I) in claim 1;

- or with a cyclic secondary amine of the formula



in which W_4 is as defined above for (I) in claim 1;

- or with a cyclic secondary amine of the formula



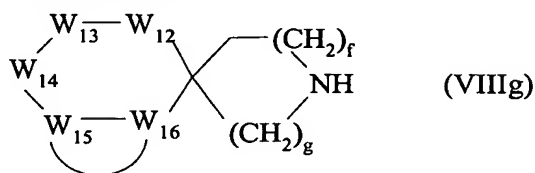
in which W_6 , W_7 and W_8 are as defined above for (I) in claim 1;

- or with a cyclic secondary amine of the formula



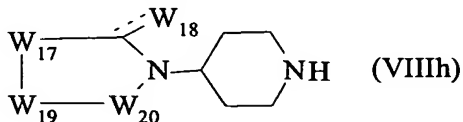
in which J_4 is as defined above for (I) in claim 1;

- or with a compound of the formula



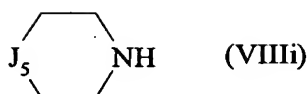
in which f , g , W_{12} , W_{13} , W_{14} , W_{15} and W_{16} are as defined above for (I) in claim 1;

- or with a cyclic secondary amine of the formula



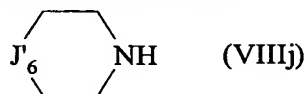
in which W_{17} , W_{18} , W_{19} and W_{20} are as defined above for (I) in claim 1;

- or with a cyclic secondary amine of the formula

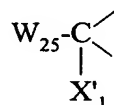


in which J₅ is as defined above for (I) in claim 1;

- or a cyclic secondary amine of the formula



in which J'₆ is a group

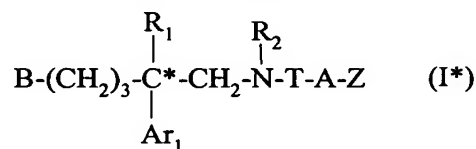


in which W₂₅ is as defined above for (I) and X'₁ is X₁ as defined for (I) in claim 1, or a precursor of X₁, it being understood that when X'₁ contains a hydroxyl group or an amino group, these groups can be protected; and

5) after deprotection of the hydroxyl groups or amino groups, if appropriate, or conversion of X'₁ to X₁, if appropriate, the resulting product is optionally converted to one of its salts with a mineral or organic acid.

Claims 27 and 28 (Cancelled)

Claim 29. (Original): An enantiomer of a compound according to claim 1 of the formula



in which:

- "*" denotes that the carbon atom carrying this label has the determined (+) or (-) absolute configuration; and
- R₁, R₂, Ar₁, T, A, Z and B are as defined for the compounds of formula (I) in claim 1, and its salts with mineral or organic acids, and their solvates.

Claim 30. (Currently amended): ~~Pharmaceutical~~ A pharmaceutical composition comprising, as the active principle, a compound according to ~~any one of claims 1 to 24 or 29~~ claim 1 or one of its pharmaceutically acceptable salts and solvates.

Claim 31. (Currently amended): ~~Pharmaceutical~~ A pharmaceutical composition according to claim 30 in the form of a dosage unit in which the active principle is mixed with at least one pharmaceutical excipient.

Claim 32. (Currently amended): ~~Pharmaceutical~~ A pharmaceutical composition according to claim 31 containing 0.5 to 1000 mg of active principle.

Claim 33. (Currently amended): ~~Pharmaceutical~~ A pharmaceutical composition according to claim 32 containing 2.5 to 250 mg of active principle.